

AIR HANDLING UNIT SCHEDULE																	
MARK	SA CFM	OA CFM MIN/MAX	EXT. SPWG (IN.)	CHW COOLING DATA								ELECTRICAL DATA		INTERLOCKS	CONDENSATE DRAIN (I.P.S.)	REMARKS	
				SENSIBLE CAPACITY	TOTAL CAPACITY	ENT. AIR		LVG. AIR		CHILLED WATER GPM @ 45°	MAX. FACE VELOCITY	MAX. W.P.D. (FEET)	SUPPLY FAN HP				SUPPLY FAN VOLTAGE
						F db	F wb	F db	F wb								
AHU-6	7,500	790/7,500	1.3"	226,100	—	77.2	63.8	53.6	53.5	28.0	550	2.3'	7.5	480/3/60	DDC CONTROLS	1-1/2"	SEE NOTES

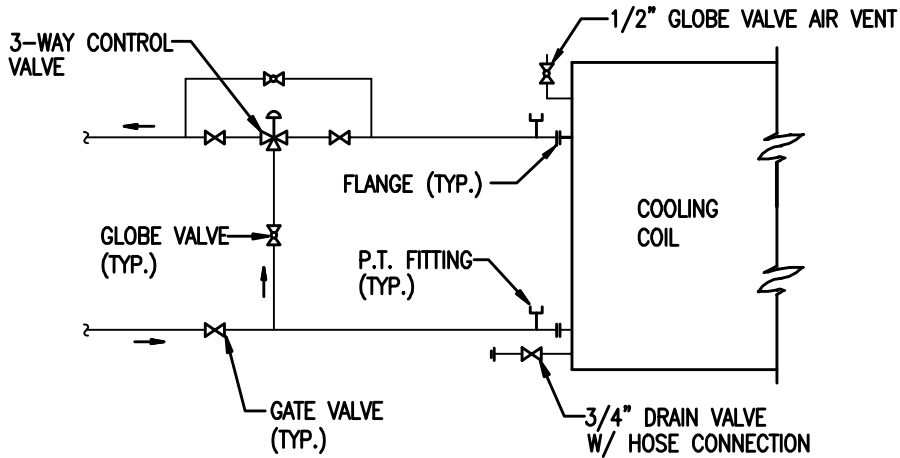
NOTES:

1. RECONNECT NEW AIR HANDLING UNIT TO EXISTING SUPPLY DUCT AND CHILLED WATER PIPING, MINIMIZING ADDITION OF PIPING AND DUCTWORK WITH EXCEPTION OF ADDING NEW WATER CONTROL VALVES. SEE SPECIFICATIONS SECTION 15530 FOR CONTROLS SEQUENCE.
2. NEW AIR HANDLING UNITS SHALL HAVE 14" HIGH ROOFCURB WITH VIBRATION ISOLATION.
3. ROUTE 1-1/2" CONDENSATE FROM NEW AIR HANDLING UNIT TO EXISTING CONDENSATE LINE ABOVE CEILING. PROVIDE PLUGGED TEES FOR CLEANOUTS.
4. CONTRACTOR SHALL EXTEND EXISTING ELECTRICAL TO NEW SAFETY DISCONNECT AT UNIT.
5. SEE SPECIFICATIONS SECTION 15600 FOR EQUIPMENT INFORMATION.
6. ACCEPTABLE MANUFACTURERS SHALL BE AON, TRANE, CARRIER, YORK, OR MCQUAY. OTHER MANUFACTURERS MUST BE APPROVED PRIOR TO BIDDING.
7. UNITS SHALL BE DOUBLE WALL CONSTRUCTION.
8. UNITS SHALL BE ROOFTOP PACKAGE MOUNTED ON FULL PERIMETER CURB.
9. STAEFA CONTROLS BY AUTHORIZED DEALER:

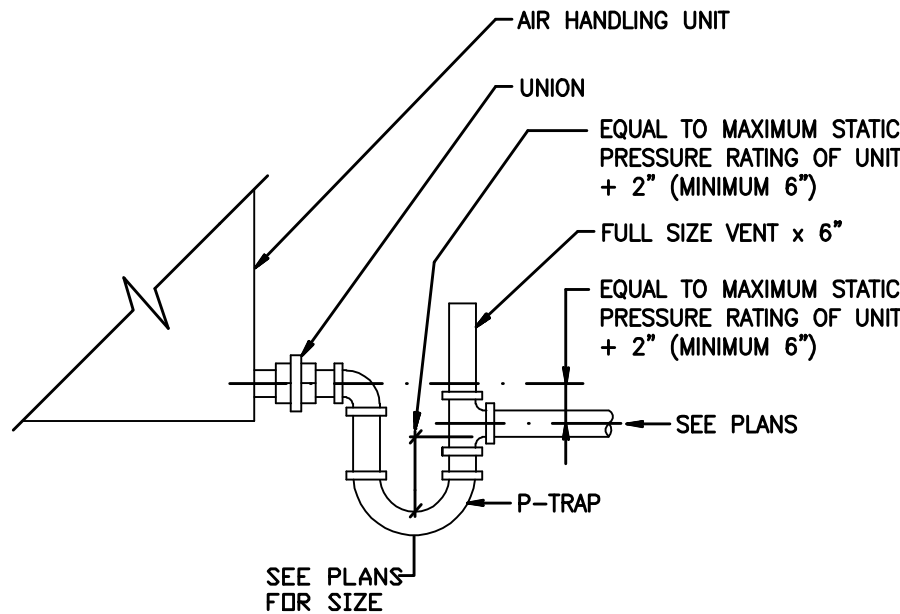
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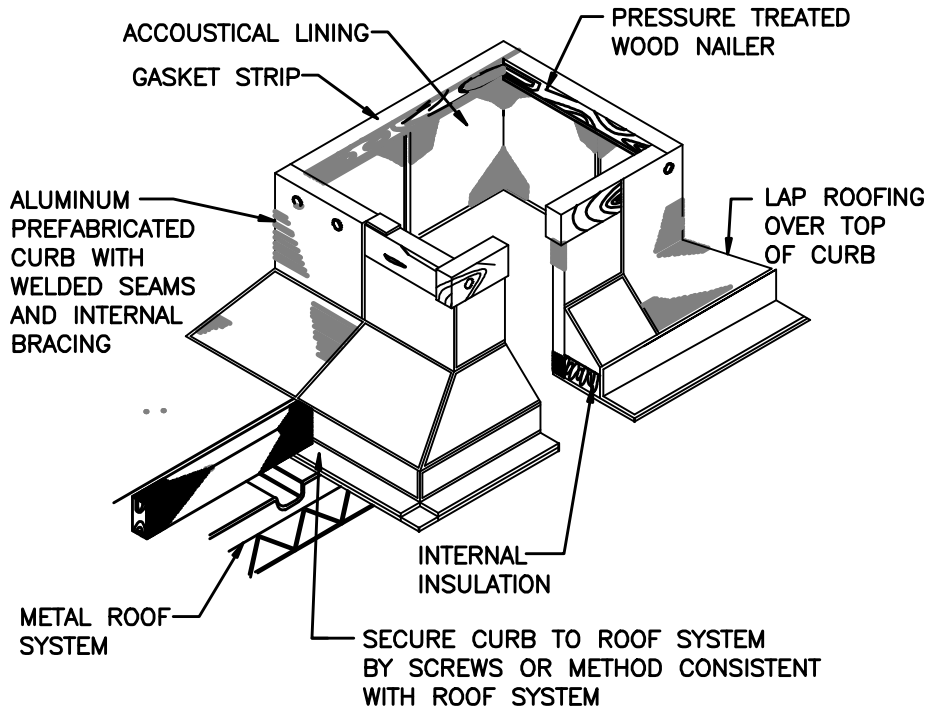
LEGEND	
SYMBOL	DESCRIPTION
AHU	AIR HANDLING UNIT
AFF	ABOVE FINISHED FLOOR
BFC	BELOW FINISHED CEILING
CO	CLEAN OUT
EF	EXHAUST FAN
FC	FAN COIL UNIT
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
SF	SUPPLY FAN
◇	DEMOLITION KEYED NOTES
⦶	INDICATES KEY NOTES
⌵	CUT-OFF VALVE
⌵	BALANCING VALVE
⌵	CONTROL VALVE
⌵	STRAINER
⌵	PRESSURE & TEMPERATURE PLUG
⌵	UNION OR FLANGE
⌵	PET COCK AIR VENT
—CHWS—	CHILLED WATER SUPPLY
—CHWR—	CHILLED WATER RETURN
⊙	PIPE ANCHOR
⌵	PIPE EXPANSION LOOP AND GUIDES
⌵	CHECK VALVE



CHILLED WATER COIL PIPING DETAIL

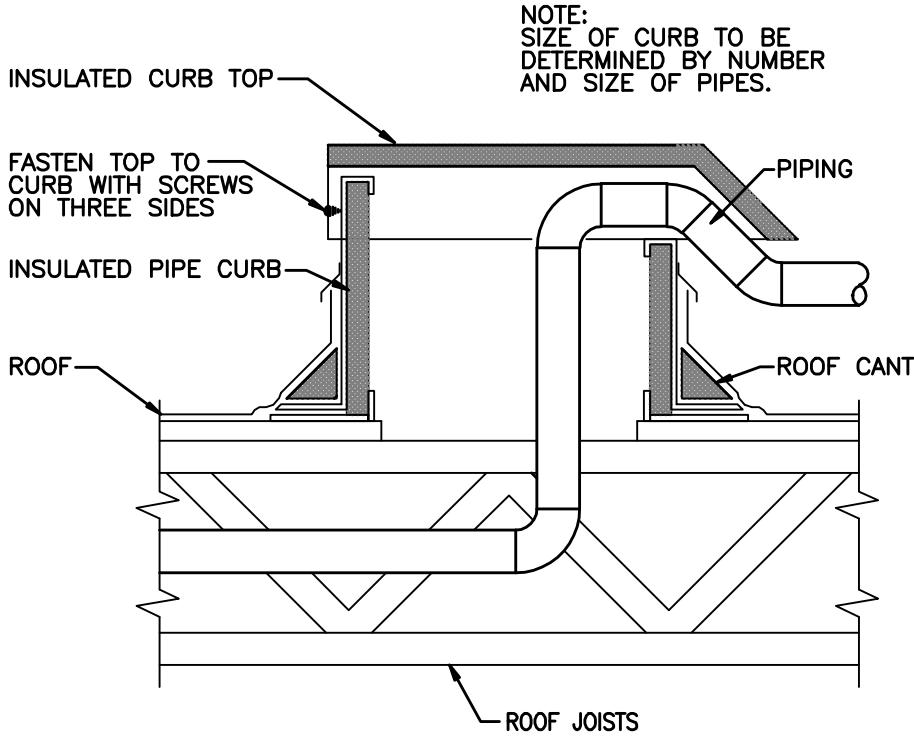


ROOFTOP CONDENSATE DETAIL



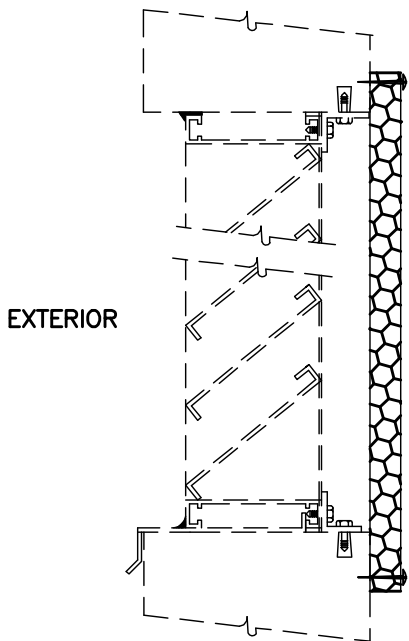
ALL ROOFING AND FLASHING SHALL BE BY AN APPROVED CONTRACTOR.

EQUIPMENT ROOF CURB DETAIL



ALL ROOFING AND FLASHING SHALL BE BY AN APPROVED CONTRACTOR.

ROOF PIPE CURB DETAIL



PROVIDE 24-GUAGE INSULATED SHEET-METAL COVER, WITH 1" THICK INSULATION BETWEEN SHEETS. FASTEN TO WALL AIRTIGHT.

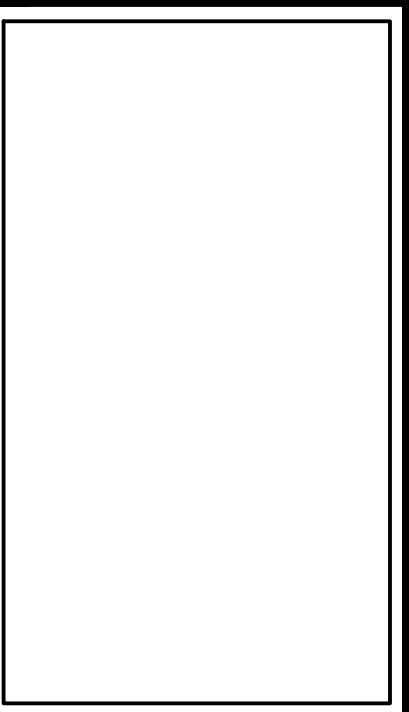
LOUVER SIMILAR TO EXISTING. FIELD VERIFY EXACT DIMENSIONS AND METHOD TO WHICH SHEET-METAL SHALL BE ATTACHED TO LOUVER OR WALL.

PRIME AND PAINT SHEET-METAL EXPOSED TO EXTERIOR WITH FLAT BLACK PAINT.

COVER MAY BE INSTALLED IN SECTIONS DUE TO RESTRICTIONS WITH EXISTING CEILING GRID

OUTSIDE AIR LOUVER DETAIL

REVISIONS	
NO.	DESCRIPTION

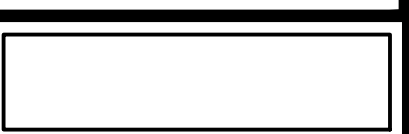


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AHU-6 Replacement for:
GERMANTOWN POLICE DEPT.
Germantown, Tennessee



SCALE:
AS NOTED
DATE:
03-20-11
DRAWN BY:



SHEET:
M2